

standard base, a linker, and a 3' sequence complementary to the extension product of the second primer;

(d) enzymatically extending the allele-specific primer of step (c);

(e) hybridizing a reporter oligonucleotide complementary to the 5' non-complementary sequence of the second primer of step (a) to the extension product of step (d);

(f) contacting a capture oligonucleotide coupled to a support with the product of step (f); and

(g) detecting hybridization of the reporter oligonucleotide to the capture oligonucleotide.

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